

K-D MANUFACTURING COMPANY •

LANCASTER, PA.

K-D TOOLS®

1963

Catalog Master Supplement 61-PD



K-D MANUFACTURING COMPANY, LANCASTER, PENNSYLVANIA

Universal Hydraulic Brake Bleeder System and Fluid Dispenser Tank

No. 255

Light weight easy to use one gallon tank, fills and bleeds brakes in a single operation on both standard and power brake systems. Carrying handle also serves as dipstick—with hook for hanging over jobs.

Comes Equipped with . . .

- 3 Ft. Neoprene Hose with Quick Acting Coupler
- Large Universal Adapter
- Small Universal Adapter
- G.M.C. Recessed Master Cylinder
- Ford Recessed Master Cylinder Adapter
- Chrysler Recessed Master Cylinder Adapter
- Bleeder Hose
- 2 Quick Coupler Fittings



No. 256

Tank with large and small Universal Adapters.

No. 257SP

(#260) G. M. C., (#259) FORD AND
(#258) CHRYSLER Recessed Adapters.

No. 261SP

MASTER CYLINDER BRAKE FLUID DISPENSER

For use on K-D tank and all tanks with similar couplers.

No. 262

UNIVERSAL NEOPRENE HOSE ADAPTER

Permits easy access to hard to get at Master Cylinders.

No. 263

MASTER CYLINDER CAP FOR 1962 CADILLAC & RAMBLER

Solid aluminum cap replaces one of the two vented caps on the "twin" master cylinder. Keeps brake fluid from leaking through the vent hole.

INDEX

Type No.	Page No.	Type No.	Page No.
121SP Electrical Ground Probe	39	275SP Brake Lining Gauge	35
124SP Remote Control Starter Switch	38	277SP Brake Drum Gauge	36
125C Electrical Test Kit	36	298SP Brake Spring Pliers	35
126SP High-Low Voltage Tester	36	409SP Radiator "Temp" Gauge	44
127SP Power Pak	37	413SP Crankcase Drain Plug Wrench	42
128SP Alternator Diode Probe	37	414C Internal Drain Plug Wrench Kit	42
129SP Low Voltage Tester	37	416SP Ramo-Matic	43
134C Tail & Stoplight Bulb Kit	39	421SP Radiator Hose Pliers	43
135SP Spark Plug Terminal Pliers	38	426SP Tube Cutter & Hose Clamp Pliers	40
136SP Bulb Base Remover Pliers	39	443SP Reversible Shaft Molding Nut Tool	40
137SP Headlight Fuse Pak	40	472SP Repair-A-Chain Pliers	39
138SP Bulb Gripper	39	485SP Gasket Scraper	44
139 Socket Cleaning Brush	39	495SP Cable Coiling Pliers	40
145SP Radiator Hose "Pinch Off" Pliers	43	496SP Heavy Duty Cable Wire	40
180SP Alternator & Regulator Test Leads	37	720C Screw Extractors	42
181SP Alternator Diode Service Kit	38	725SP Rethreader Set	41
255 Brake Bleeder Tank & Accessories	34	726SP Wheel Stud Rethreader Set	41
265SP Brake Cylinder Hone	35	727SP Armature Rethreader Set	41
266SP Replacement Hone Stones	35	730SP Spark Plug Opening Chaser	41
267SP Volkswagen Brake Cylinder Hone	35	851SP Piston Ring Compressor & Bands	44

K-D Brake Cylinder Hone

Hones all Master, and Wheel Cylinders straight bore or blind end.

No. 265SP

Unique design of collar on sleeve prevents stones from going through straight bore or double end cylinder. Sleeve slides over arms—protects stones when not in use. Full range ($\frac{3}{4}$ " to $2\frac{3}{4}$ ").

No. 266SP

Replacement stones (3 stones per set)—fits all popular brake cylinder hones on the market.

Volkswagen Brake Cylinder Hone

For V. W.'s and all cars with Brake Cylinders from $\frac{3}{8}$ " to 1" in diameter.

No. 267SP

New 2 legged Brake Cylinder Hone for V. W.'s and all foreign cars with brake cylinders up to 1" in diameter. Like K-D's popular standard size hone, a collar has been included in the design, to prevent stones from popping out double end cylinders—eliminating the main cause of stone breakage.

Brake Spring Pliers

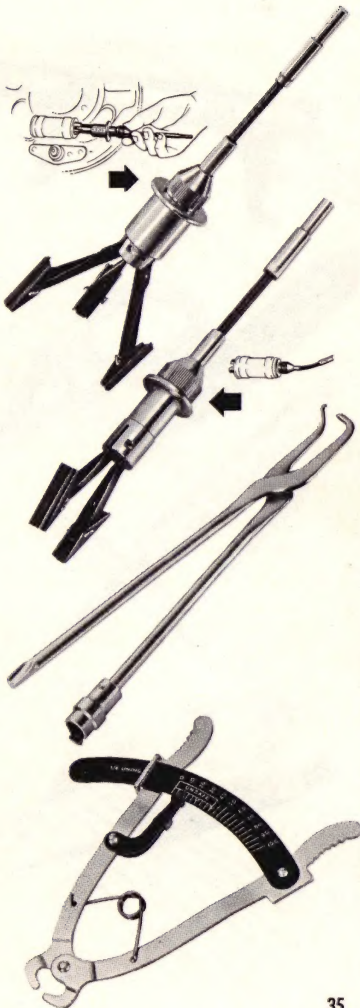
No. 298SP

Combination brake spring pliers for removing and installing internal brake springs on most makes of cars and trucks. Includes special socket for servicing of Bendix Lockheed Brakes.

Brake Lining Gauge

No. 275SP

Combination sales aid and accurate measuring instrument. Shows % of lining remaining on passenger cars and light trucks. Indicates when lining is dangerously thin. One side measures $\frac{3}{16}$ " lining—reverse side measures $\frac{1}{4}$ " lining. Pointer is adjustable for shoes of various thicknesses.

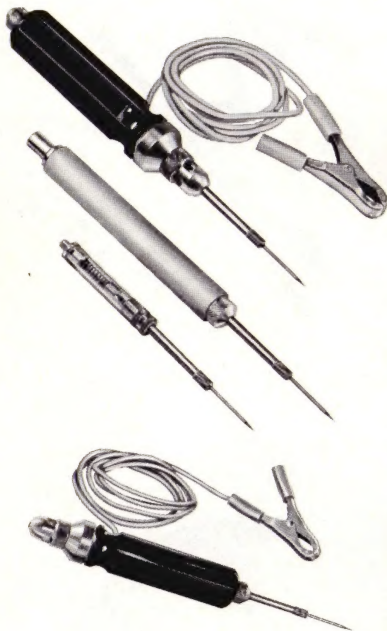




Brake Drum Gauge

No. 277SP

Accurately measures Drum oversizes on passenger cars and light trucks. Primary scale measures all standard size drums 7 $\frac{1}{8}$ " through 14 $\frac{1}{4}$ " inclusive. Secondary scale provides for future passenger and light truck drum sizes. Measures point of greatest wear **before** turning. Determines whether drum can be turned or discarded.



Electrical Test Kit

For checking Alternator Diodes and testing live and dead circuits, positive and negative ground

No. 125C

K-D's Electrical Test Kit gives the mechanic a versatile set of equipment, designed to find a wide range of electrical troubles with speed and accuracy.

Includes:

- 126 "Shock proof" Hi-Low Voltage Test Light.
- 127 Self contained Power Unit.
- 128 Diode Probe.

Packaged in white plastic kit with set of instructions.

High-Low Voltage Tester

No. 126SP

Combination electrical trouble shooter and spark plug tester. For all 6 and 12 volt systems. Checks following: wiring shorts, wiring breaks, ground in armatures, brush holders, etc., switch adjustments, head, tail, stoplights. Dead battery cells, stuck relay points, ground circuits of all lamps.

Continuity and grounds in field coils (using K-D No. 127 Power-Pak) • check alternator diodes, by using K-D No. 128 interchangeable Diode Probe.

Low Voltage Circuit Tester

For all 6 to 12 volt systems

No. 129SP

Ground clip anywhere on car. Push point thru insulation of cable being tested until it makes contact with copper conductor inside. Bulb in handle will light if wire is "hot", will not if "dead". Checks continuity and grounds of field coils when coupled with No. 127 Power-Pak. Also checks Diodes by using K-D No. 128 Diode Probe.



Alternator Diode Probe

No. 128SP

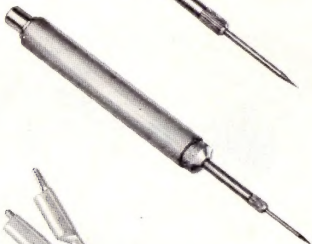
For checking automotive alternator diodes, transistors, positive and negative wires. Fits No. 126 and No. 129 Circuit Tester.



Power-Pak

No. 127SP

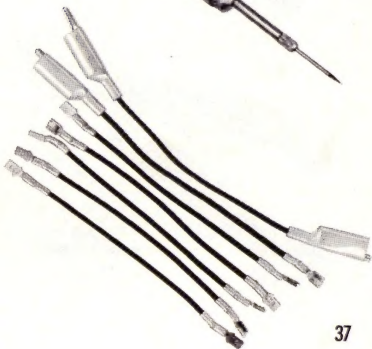
Safely tests circuits with power off. K-D's self contained power unit supplies power for electrical testing when other power is either undesirable or not available. Contains 3 popular flash light batteries.

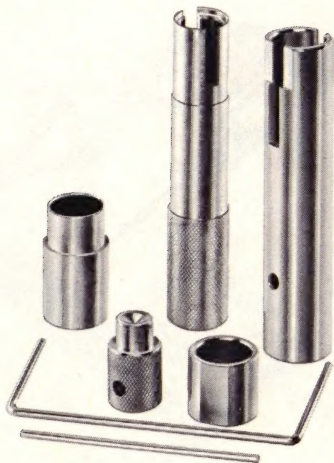


Alternator and Regulator Test Leads

No. 180SP

Spade, Pin and Clamp type connections for testing alternator and regulators with various test equipment.





Alternator Diode Service Kit

No. 181SP

For removing and installing Diodes and Brushes on: CHRYSLER • DELCO-REMY (Delcotron) • LEECE-NEVILLE • PRESTOLITE (Autolite) alternator systems. Surveys indicate that Diodes are the most frequent cause of alternator failure, and are the easiest part of the alternator to service—with the proper equipment. NOW!—with K-D's carefully engineered set of Diode service tools, the independent garage and service station can keep this fast growing, "profitable" service work in his own shop. Each Kit includes:

- 181-A Slip Ring & Frame Support
- 181-B Universal Diode Remover
- 181-C Universal Diode Installer
- 181-D Prestolite Brush Spreader
- 181-E Heat Sink Support for Diode Removal
- 181-F Universal Heat Sink Support for Diode Installation
- 181-G Delcotron Brush Hold Down Pin

Complete, illustrated, step by step instructions are furnished with each kit.



Heavy Duty Remote Control Starter Switch

No. 124SP

For any engine with solenoid starter switch. Allows one man to control engine when making various adjustments and repairs. Can be taken apart, cleaned and reassembled. Lifetime guarantee against mechanical failure.

Insulated Spark Plug Terminal Pliers

No. 135SP

No more burned fingers with this special tool designed to remove cable terminals from Spark Plugs quickly and easily. Heavy duty handles covered with "dielectric" plastic allows shock proof—sure grip operation.

"All Purpose" Electrical Ground Probe

No. 121SP

Grounds out ignition for checking faulty valves, pistons, wristpins, hydraulic lifts, spark plugs, etc.

Tail & Stoplight Bulb Kit

No. 134C

K-D's new "Tail & Stop Light Bulb Kit, consisting of No. 138 Bulb Gripper, No. 136 Bulb Base Remover and No. 139 Socket Cleaning Brush is all that's needed to take care of installing and removing light bulbs and cleaning corroded sockets. No more cut fingers with these handy tools designed to reach into the tightest places on tail lights, stop lights, turn signals, running lights on trucks, etc. Packaged in handy plastic kit.

No. 136SP

BULB BASE REMOVER PLIERS

Removes corroded bases when bulb is broken. Serrated lip on jaws gives firm hold for tight, positive grip without crushing bulb base.

No. 138SP

BULB GRIPPER

Installs and removes light bulbs from tail lights, stop lights, turn signals, running lights on trucks, etc. Removes bulbs from corroded sockets. Rubber coated jaws permit soft, yet firm grip.

No. 139

SOCKET CLEANING BRUSH

Removes corrosion and cleans light bulb sockets. Available in Kraft envelope.

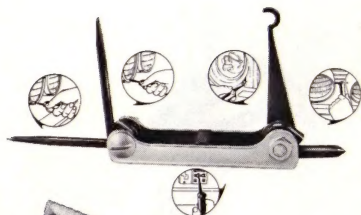
Repair-A-Chain

Fast easy repair of cross-link chains for all Passenger Cars and Light Trucks.

No. 472SP

Makes tire chain repair fast and easy. Use side jaws for spreading or opening—front jaws for closing or pulling together. Special heat treated jaws assure long life.

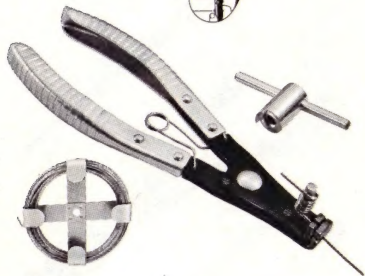




Headlight Fuse Pak

No. 137SP

Multi-purpose tool makes working on head lamps and changing fuses a "snap". Aligns screw holes on head lamp casings—pulls head lamp springs and reaches between double lamps with short screw driver adapted to fit all Reed & Prince and Philips head screws.



Cable Coiling Pliers

Repair Control Cables in Half the Time!

No. 495SP

Now mechanics can easily repair control cables that operate Air Vents, Hood Release, Heater, Air Conditioner, Carburetor, etc.—without replacing the entire cable assembly. Works on all makes and models of Passenger Car and Light Truck control cables using the Coiling principle.

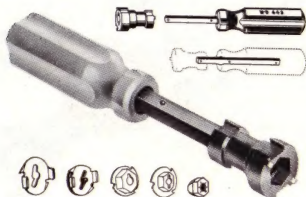
No. 496—Heavy Duty Cable Wire specially engineered for control cable use. Comes in 60 ft. rolls, wound on handy dispenser. Packaged in Kraft Envelopes.



Tube Cutter and Hose Clamp Pliers

No. 426SP

K-D combination Cutting Tool and Hose Clamp Pliers makes installation of gasoline filters a breeze. 3 steel cutting wheels cut both Gasoline and Oil line tubing $\frac{3}{16}$ " through $\frac{1}{16}$ " in diameter. Installs and removes small hose clamps. Slim design to reach into tight places.



Reversible Shaft Molding Nut Tool

No. 443SP

Removes and replaces thread cutting nuts and self-threading hex nuts as shown. Reversible head $\frac{3}{16}$ " and $\frac{1}{8}$ " with nibs for secure grip even if the ears are broken off clip or nut. Reversible shaft ($3\frac{1}{16}$ " and $4\frac{15}{16}$ ") permits access to virtually all nuts.

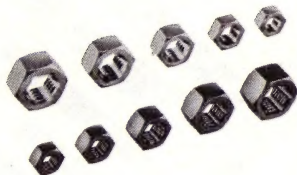
443-H Handle and Reversible Shaft only.

K-D Rethreader Set

$\frac{1}{4}$ "- $\frac{3}{16}$ "- $\frac{7}{16}$ "- $\frac{1}{2}$ " in both NF and NC

No. 725SP

Where space is a problem K-D 10 piece rethreader set is tops for restoring threads. NF (Fine) Dies are "gun barrel" blue; NC (Coarse) are copper coated for easy identification. Dies are nut-size for use with any wrench. Packed in clear Plastic Box.



Wheel Stud Rethreader Set

No. 726SP

4-piece Die Set for Restoring $\frac{1}{2}$ " and $\frac{3}{16}$ " left hand and right hand threads. Packaged in clear Plastic Box.

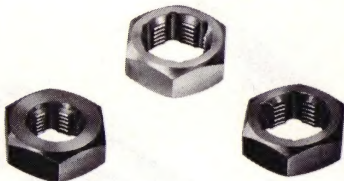


Armature Rethreader Set

No. 727SP

$\frac{1}{2}$ x 20, .665 x 20 right hand. *.665 x 20 left hand. For restoring damaged armature shaft threads. Packaged in clear Plastic Box.

*Needed for Corvair Generator Armature Shafts.



Spark Plug Opening Chaser

No. 730SP

Combination 14MM and 18MM "Chaser" services practically all makes and model cars. Cleans threads of carbon corrosion and metal. $\frac{13}{16}$ " hex has neoprene band to hold "Chaser" firmly in deep wall Spark plug wrench. Made of case hardened steel with bright cadmium finish.





Precision Screw Extractors

No. 720C

For Removal of Broken Studs, Set Screws, Pipe and Alemite Fittings. The K-D No. 720 Screw Extractor Set, packaged in a Royal Blue plastic kit, is printed with complete information on bolt size, drill size, minimum depth of hole and pipe size.

No.	U.S.S. Screw, Stud or Bolt Size	Drill Size	Min. Depth of Hole	Pipe Size
A	1/4, 5/16	1/8	3/8	---
B	3/8	3/16	1/2	---
*C	7/16	15/64	1/2	1/8
D	1/2, 9/16	5/16	1/2	1/4
E	5/8	3/8	5/8	3/8

*For broken Alemite fittings

Crankcase Drain Plug Wrench

Eliminates damage to drain plugs

No. 413SP

Fits all 1961 to '63 Oldsmobile crankcase drain plugs and all 1962-63 Valiant differential drain plugs.

- Made of special heat treated steel
- Designed and precision made to fit 8 point drain plug sockets.

"Universal" Internal Drain Plug Wrench Kit

No. 414C

Four double end and one single end socket type wrenches for removing internal Drain Plugs on Crankcase, Transmission and Differential. Works on 90% of all model cars requiring internal type wrenches.

- 2 square type wrenches, $\frac{1}{4}$ "- $\frac{3}{16}$ " and $\frac{3}{16}$ "- $\frac{1}{2}$ "
- 2 Hexagon wrenches $\frac{1}{4}$ "- $\frac{3}{16}$ " and $\frac{3}{16}$ "- $\frac{1}{2}$ "
- 1 Single end "special" 8 Point wrench

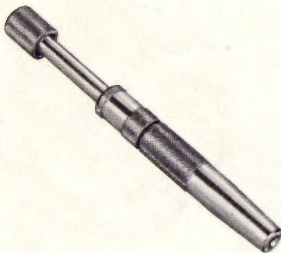
Made of Hi-strength, heat treated steel, for years of dependable service.



Ramo-Matic

No. 416SP

The new K-D Ramo-Matic **instantly** frees frozen straight or angle type zerk fittings. Will blow out all hardened matter unless bushing is completely turned, to block opening. Damaged fittings are many times reseated, automatically. Handy pocket size measures 5" x 1/2" and is precision made of the finest steel with bright cadmium finish.



Radiator Hose "Pinch-off" Pliers

No. 145SP

Eliminate necessity of draining cooling system when installing Thermostats and Water Pumps on all pressurized cooling systems. Saves time and antifreeze. Also works on heater hose. Jaws Swivel for parallel clamping and positive shutoff. Automatic ratchet locking, and heat treated arms.



"Shark Tooth" Radiator Hose Pliers

No. 421SP

Radiator & Heater Hose Removal & Installation. Thermostat Installation. Water Pump Installation. Radiator Repairs. Engine Overhauls.

Removing stubborn hoses from Radiators, Heaters, Water Pumps, etc. is no longer a problem with K-D's new, unique "shark tooth" pliers. Grips hose with "never let go" strength—a few twists and hose is completely free from gasket glue, frozen fittings etc. "Slip joint" (3 jaw positions) permits application on virtually all sizes of hoses, on cars, trucks and buses. Equally effective when **installing** hoses—especially in difficult to reach areas. An absolute must for Service Stations, Garages, Fleets and Radiator Repair Shops.





Radiator "temp" Gauge

No. 409SP

This colorful K-D temperature gauge is invaluable as a sales aid in selling thermostat installation. Checks general condition of cooling system. Indicates condition of thermostat without removing. Indicates rust condition, failing water pump. Indicates operation of dash thermometer. Dial face is calibrated in increments of 5° F and is guaranteed within 1° at 190° F. Complete instructions on gauge.

Gasket Scraper

No. 485SP

K-D's new long neck gasket scraper is built for many years of rugged service. Scrapes mating surfaces clean, before installing new gaskets on: WATER PUMPS • THERMOSTAT HOUSINGS • CYLINDER HEADS • CRANKCASE • TIMING CHAIN COVER, etc.

Made of high grade forged steel with "easy grip" plastic handle.

"Long-Life" Piston Ring Compressor

Compressor Pliers with 1 most popular size band (3 $\frac{3}{8}$ " to 3 $\frac{1}{2}$ ")

No. 851SP

The new K-D Piston Ring Compressor is the most efficient, versatile and dependable tool of its kind on the market. Designed to operate both vertically and horizontally. Fine tooth ratcheting lock permits bands to be contracted in extremely small increments.

No. 850 Piston Ring Compressor Set—Complete —includes pliers and 6 bands covering a range of 2 $\frac{7}{8}$ " to 4 $\frac{3}{8}$ ". Packaged in strong reinforced carton.

No. 850H—Piston Ring Compressor Pliers (No bands included)

No. 850BS—Special Band—for slant type motors

Standard Piston Ring Bands Available*

No.	Size	No.	Size
850B1	2 $\frac{7}{8}$ " to 3 $\frac{1}{4}$ "	850B4	3 $\frac{3}{8}$ " to 3 $\frac{1}{2}$ "
850B2	3 $\frac{1}{4}$ " to 3 $\frac{3}{8}$ "	850B5	3 $\frac{3}{8}$ " to 4 $\frac{1}{4}$ "
850B3	3 $\frac{3}{8}$ " to 3 $\frac{1}{2}$ "	850B6	4 $\frac{1}{4}$ " to 4 $\frac{3}{8}$ "

*Special sizes available upon request